

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  P 66204	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No.  PCT/EP2004/007131	International filing date (day/month/year)  30/06/2004	(Earliest) Priority Date (day/month/year)  01/07/2003
Applicant  KRKA, TOVARNA ZDRAVIL, D.D. NOVO MESTO		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b.  With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2.  **Certain claims were found unsearchable** (See Box II).

3.  **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

TAMSULOSIN CORE WITH A COATING OF POLYVINYL PYRROLIDONE AND POLYVINYLACETATE

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

- b.  none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/007131

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K9/50 A61K31/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, Y	WO 03/039531 A (ESCOI JUAN CUCALA ; ORTEGA ARTURO SILES (ES); LEMMENS JACOBUS MARIA (N) 15 May 2003 (2003-05-15) cited in the application the whole document page 4, lines 10-17 page 3, lines 7-15 page 10, lines 3-8 page 11, lines 7-12 ----- US 6 046 277 A (TIEFENSEE KRISTIN ET AL) 4 April 2000 (2000-04-04) the whole document column 4, lines 43-59 examples column 1, lines 5-10; claim 6 ----- -/-	1-27
X, Y		1-27

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## • Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

11 November 2004

Date of mailing of the international search report

29/11/2004

Name and mailing address of the ISA

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## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/007131

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, Y	<p>ZEZHI J. SHAO, LUIS MORALESI, STEVEN DIAZ, NOUMAN A. MUHAMMADI: "Drug Release From Kollicoat SR 30D-Coated Nonpareil Beads: Evaluation of Coating Level, Plasticizer Type, and Curing Condition" AAPS PHARM SCI TECH, 'Online!', vol. 3, no. 2, 2002, pages 1-10, XP002304914</p> <p>Retrieved from the Internet: URL:HTTP://WWW.AAPSPHARMSITECH.ORG/PT0302/PT030215/PT030215.PDF&gt; 'retrieved on 2004-11-10!</p> <p>the whole document abstract page 1, column 2, last paragraph page 8, column 2 - page 9, column 1</p> <p>-----</p>	1-27
X, Y	<p>REICH H B: "Kollicoat(R) SR 30 D and Kollidon(R) SR"</p> <p>FARMACEVTSKI VESTNIK 1999 SLOVENIA, vol. 50, no. SPEC. ISS. SEP., 1999, pages 295-296, XP009039594</p> <p>ISSN: 0014-8229</p> <p>the whole document</p> <p>-----</p>	1-27
X, Y	<p>KOLTER K ET AL: "Kollicoat(R) SR 30 D - A new sustained release excipient" PROCEEDINGS OF THE CONTROLLED RELEASE SOCIETY 1999 UNITED STATES, no. 26, 1999, pages 867-868, XP009039591</p> <p>ISSN: 1022-0178</p> <p>the whole document</p> <p>page 868, column 2, paragraph 2</p> <p>-----</p>	1-27
Y	<p>DASHEVSKY A, KRAUSE A, KOLTER K, BODMEIER R: "Compaction of pellets coated with a new aqueous polymer dispersion, Kollicoat @ SR 30 D"</p> <p>AAPS PHARM SCI, 'Online!', vol. 2, no. 2, 2000, page 1, XP002304915</p> <p>Retrieved from the Internet: URL:HTTP://WWW.AAPSPHARMACEUTICA.COM/SEARCH/ABSTRACT_VIEW.ASP?ID=2023&amp;CT=00ABSTRACTS&gt; 'retrieved on 2004-11-04'</p> <p>abstract</p> <p>-----</p>	14-17
Y	<p>DE 202 19 293 U (SYSTHON BV)</p> <p>5 June 2003 (2003-06-05)</p> <p>the whole document</p> <p>examples</p> <p>page 1, lines 1-5</p> <p>claims</p> <p>-----</p> <p>-/-</p>	1-27

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/007131

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 268 182 A (BRINKER DALE R ET AL) 7 December 1993 (1993-12-07) examples 3,4 claims 1-6	14-17

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/007131

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03039531	A	15-05-2003	CA 2464689 A1 CA 2465110 A1 DE 20220415 U1 EP 1443917 A1 EP 1441713 A1 WO 03039530 A1 WO 03039531 A1 NL 1021822 C2 NL 1021822 A1 NL 1021857 C2 NL 1021857 A1 US 2003147950 A1 US 2003147955 A1	15-05-2003 15-05-2003 09-10-2003 11-08-2004 04-08-2004 15-05-2003 15-05-2003 15-07-2003 08-05-2003 09-01-2004 08-05-2003 07-08-2003 07-08-2003
US 6046277	A	04-04-2000	DE 19709532 A1 AT 229327 T AU 5835998 A CA 2228818 A1 DE 59806578 D1 DK 868912 T3 EP 0868912 A2 ES 2189018 T3 JP 10306041 A PT 868912 T SI 868912 T1	17-09-1998 15-12-2002 10-09-1998 10-09-1998 23-01-2003 06-01-2003 07-10-1998 01-07-2003 17-11-1998 30-04-2003 28-02-2003
DE 20219293	U	05-06-2003	US 2004096502 A1 AT 6542 U1 CA 2415840 A1 CZ 13341 U1 DE 20219293 U1 DK 200300005 U3 WO 2004043448 A1 FI 5842 U1 FR 2847166 A1 GB 2395125 A WO 2004043449 A1 NL 1022151 C2 PL 357856 A1 SI 21394 A2	20-05-2004 29-12-2003 14-05-2004 16-07-2003 05-06-2003 25-04-2003 27-05-2004 03-07-2003 21-05-2004 19-05-2004 27-05-2004 18-05-2004 17-05-2004 30-06-2004
US 5268182	A	07-12-1993	US 5169642 A AT 82497 T AU 3656189 A CA 1335258 C DE 68903536 D1 DE 68903536 T2 EP 0347748 A2 ES 2052816 T3 GR 3006537 T3 IE 63242 B1 JP 2045418 A JP 2862567 B2 US 5009897 A AT 112678 T AU 623560 B2 AU 6764390 A CA 2031150 A1	08-12-1992 15-12-1992 04-01-1990 18-04-1995 24-12-1992 22-04-1993 27-12-1989 16-07-1994 30-06-1993 05-04-1995 15-02-1990 03-03-1999 23-04-1991 15-10-1994 14-05-1992 14-02-1991 02-06-1991

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP2004/007131

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 5268182	A	DE	69013296 D1	17-11-1994
		DE	69013296 T2	23-02-1995
		DK	430287 T3	27-02-1995
		EP	0430287 A2	05-06-1991
		ES	2065461 T3	16-02-1995
		GR	3034483 T3	29-12-2000
		IE	904091 A1	05-06-1991
		IL	96311 A	26-05-1995
		JP	3010562 B2	21-02-2000
		JP	3190817 A	20-08-1991
		KR	223131 B1	15-10-1999
		PT	96046 A ,B	13-09-1991